

Converting Colors

Hex(1DA9DC)

Have a look what the booklet for
Hex(1DA9DC) contains.

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Color

Hex(1DA9DC)

Conversions

Conversions Part 1

Format	Color
Hex	1DA9DC
RGB	29, 169, 220
RGB Percent	11%, 66%, 86%
CMY	0.8863, 0.3373, 0.1373
CMYK	0.87, 0.23, 0.00, 0.14
HSL	196°, 77%, 49%
HSV	196°, 87%, 86%
XYZ	27.6129, 33.8045, 72.7797
YIQ	132.9540, -99.8110, -13.8190

Conversions

Conversions Part 2

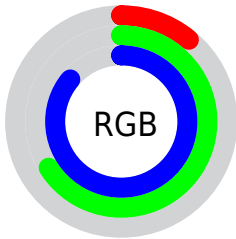
Format	Color
R _Y B	29, 110, 220
Decimal	1944028
CIE Lab	64.81, -17.15, -35.55
CIE LCh	65, 39.469, 244.239
Yxy	33.8045, 0.2058, 0.2519
Android (android.graphics.Color)	4280134108 (0xFF1DA9DC)
YUV	132.9540, 42.9137, -91.1677
Hunter-Lab	58.1416, -16.9736, -33.5181

Details

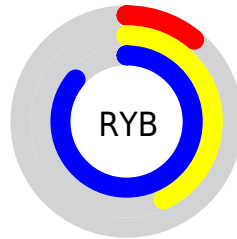
The Hex color **1DA9DC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **DC501D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6FE0FF**, and **0075A5** is the 20% darker color. If you saturate the color by 10%, you get **07A3DC**, and if you desaturate by 10%, it is **33AFDC**.

Distribution



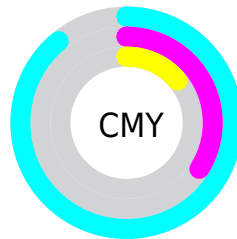
- Red (11%)
- Green (66%)
- Blue (86%)



- Red (11%)
- Yellow (43%)
- Blue (86%)



- Cyan (87%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (89%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA9DC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1DA9DC by changing the saturation by 10% instead.

 1DA9DC

 1DA9DC

FFFFFF

 008FC0


 6FE0FF

 0075A5

 8FFDFF

 005C8A

 AFFFFFF

 004571

 CDFFFF

 002E58

 ECFFFF

 001B40

 00032A

 000114

 000000

■ 1DA9DC

■ 1DA9DC

■ 07A3DC

■ 33AFDC

■ 00A1DC

■ 49B5DC

■ 5FBBDC

■ 75C0DC

■ 8BC6DC

■ A1CCDC

■ B7D2DC

■ CDD8DC

■ E3DEDC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00AFC4



1DA9DC



709FE3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1DA9DC



E08199



8AA761

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1DA9DC



DC501D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AF9D56



1DA9DC



DE8577

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1DA9DC



CE86BD



CD905E



5DAD7D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1DA9DC



9797DD



CD905E



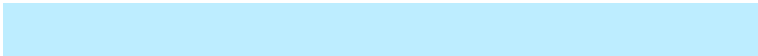
97A45B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1DA9DC



BDEDFF



1DDC50



587580



000000



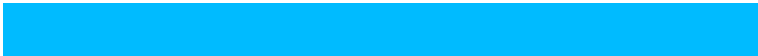
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1DA9DC



00BBFF



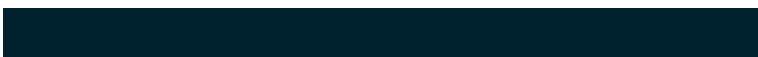
1D4ADC



636B6E



007FAD



00222E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DC1DA9



FF00BB



DCAF1D



6E636B



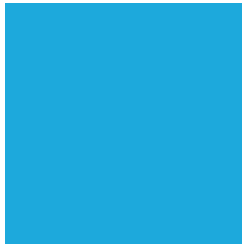
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 1DA9DC looks on a white background.

Color Contrast Check

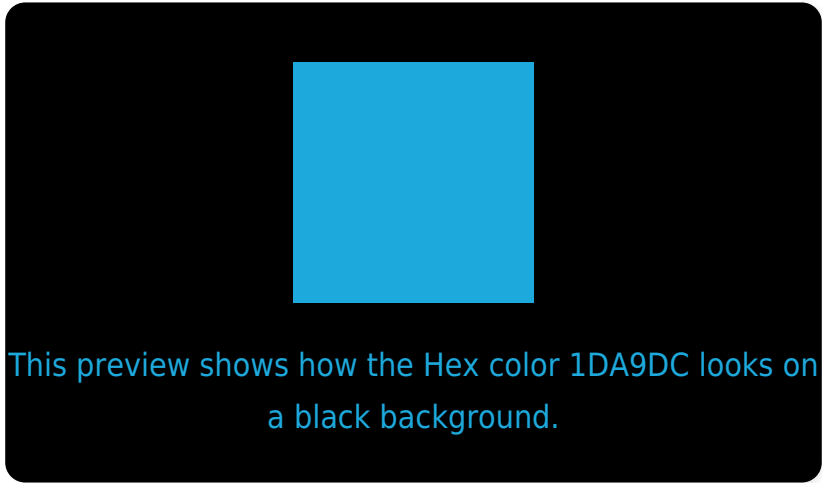
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1DA9DC Background



This preview shows how black text looks on a background with the Hex color 1DA9DC.

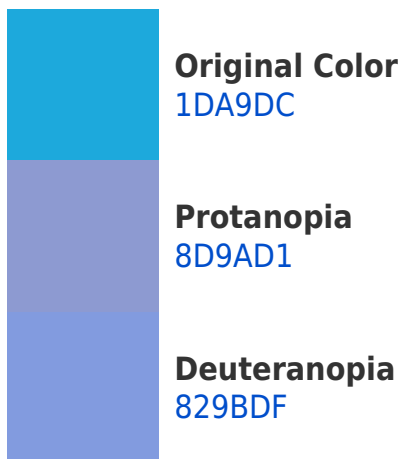


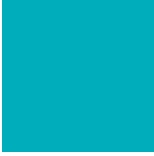
This preview shows how white text looks on a background with the Hex color 1DA9DC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

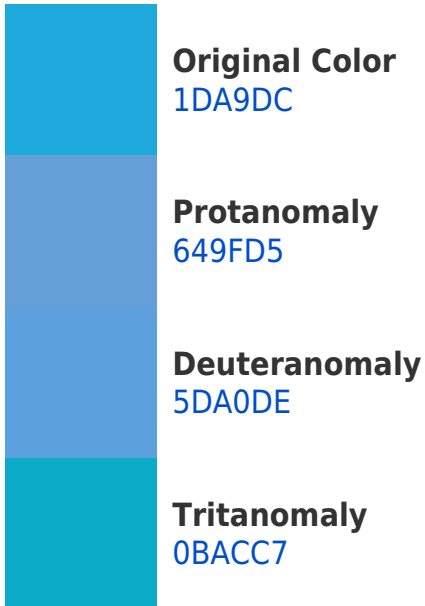
Dichromacy



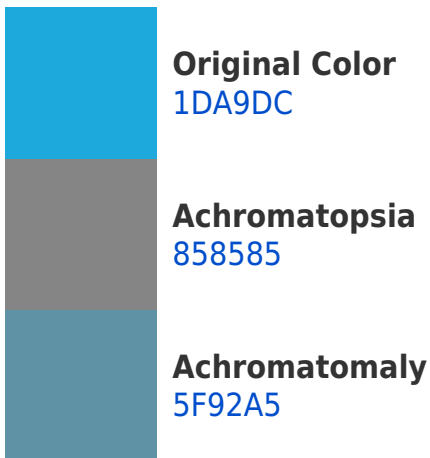


Tritanopia
00AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA9DC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1DA9DC looks like.

```
.text, #text, p{  
    color:#1DA9DC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1DA9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA9DC
}
```

Border

The CSS property to change the border of an element to Hex 1DA9DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1DA9DC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1DA9DC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1DA9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA9DC; -webkit-box-shadow:4px 4px  
4px 4px #1DA9DC; box-shadow:4px 4px 4px  
4px #1DA9DC }
```

Background

The CSS property to change the background color of an element to Hex 1DA9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA9DC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1DA9DC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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